

INTERNATIONAL SEARCH REPORT

IB2004/004171

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, CHEM ABS Data, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/10369 A (ACHARYA SAMIR ; FISHEL RICHARD (US); GRADIA SCOTT (US); UNIV JEFFERSON) 4 March 1999 (1999-03-04) page 58, line 22 - page 59, line 13; page 62, line 25 - page 63, line 4; page 70, lines 3-20; figures 1 and 2; claims 35, 36	1-3, 6-12, 15-17, 19-24, 27-31, 33
A	US 4 794 075 A (CASNA NANCY J ET AL) 27 December 1988 (1988-12-27) column 1, line 60 - column 2, line 12; example 1; claim 1	1-35 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

10/03/2005

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PULYAEVA HELENA ET AL: "Detection of a single base mismatch in double-stranded DNA by electrophoresis on uncrosslinked polyacrylamide gel" ELECTROPHORESIS, vol. 15, no. 8-9, 1994, pages 1095-1100, XP009034541 ISSN: 0173-0835 page 1096-1098	1-35
A	KUTYAVIN I V ET AL: "3'-minor groove binder-DNA probes increase sequence specificity at PCR extension temperatures." NUCLEIC ACIDS RESEARCH. 15 JAN 2000, vol. 28, no. 2, 15 January 2000 (2000-01-15), pages 655-661, XP002318952 ISSN: 1362-4962 page 656, last paragraph	1-35
A	US 5 876 941 A (LANDEGREN ULF ET AL) 2 March 1999 (1999-03-02) column 1, line 50 - column 2, line 38	1-35
A	WO 02/057492 A (JUNICKE HENRIK ; BARTON JAQUELINE K (US); CALIFORNIA INST OF TECHN (US) 25 July 2002 (2002-07-25). page 2, lines 3-20; claim 10	1-35

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IB2004/004171

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9910369	A	04-03-1999	AU WO US US	9125198 A 9910369 A1 6333153 B1 2002058275 A1	16-03-1999 04-03-1999 25-12-2001 16-05-2002
US 4794075	A	27-12-1988	BE CA DE FR GB JP	905348 A1 1286618 C 3629190 A1 2586705 A1 2179735 A ,B 62158499 A	02-03-1987 23-07-1991 05-03-1987 06-03-1987 11-03-1987 14-07-1987
US 5876941	A	02-03-1999	AU AU CA DE DE EP JP WO	703951 B2 5675896 A 2220467 A1 69605803 D1 69605803 T2 0843736 A1 11506316 T 9635809 A1	01-04-1999 29-11-1996 14-11-1996 27-01-2000 20-07-2000 27-05-1998 08-06-1999 14-11-1996
WO 02057492	A	25-07-2002	EP JP WO US	1349962 A1 2004522739 T 02057492 A1 2002155470 A1	08-10-2003 29-07-2004 25-07-2002 24-10-2002